

METHOD FOR IMAGE CHARACTERIZATION USING COLOR AND TEXTURE STATISTICS WITH EMBEDDED SPATIAL INFORMATION

ABSTRACT OF THE DISCLOSURE

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A method for characterizing an image where a number of test areas of predefined shape and size are located on the image. The color or the texture of the image over each of the test areas is quantified. The image can be characterized by statistical descriptions of the frequency distribution of color or texture of the test areas.

1. A method for characterizing an image, comprising the steps of:
a. locating a number of test areas of predefined shape and size on the image;
b. quantifying the color or texture of the image over each of the test areas;
c. characterizing the image by statistical descriptions of the frequency distribution of color or texture of the test areas.